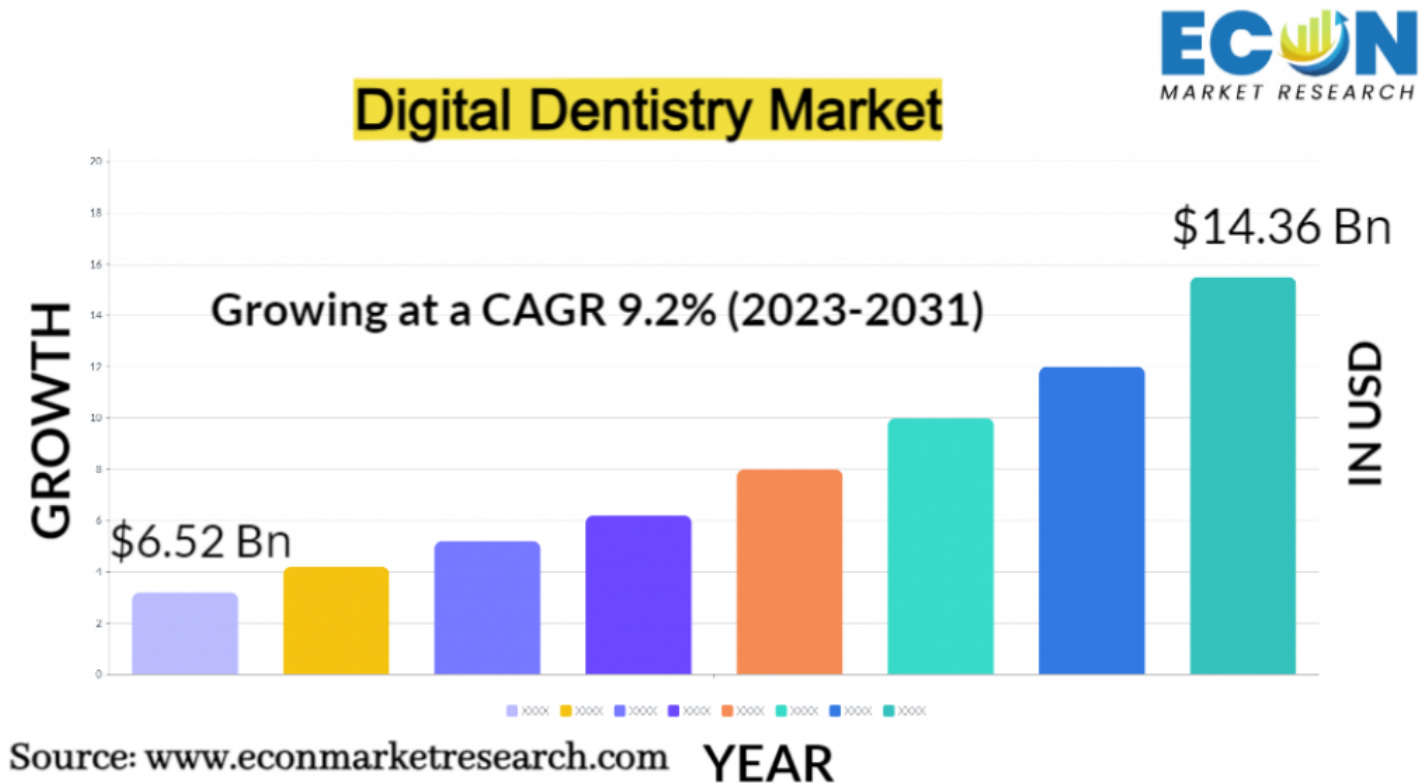


Smile Tech Revolution: Digital Dentistry Market Projected to Soar to USD 14.36 Billion by 2031 | EMR

The global digital dentistry market is projected to reach USD 14.36 billion by 2031, at a CAGR of 9.2%, from USD 6.52 billion in 2022.



Pune, Maharashtra Dec 25, 2023 (Issuewire.com) - The global digital dentistry market is projected to reach USD 14.36 billion by 2031, at a CAGR of 9.2%, from USD 6.52 billion in 2022. The digital dentistry market is expected to continue to grow in the coming years due to the rapid developments in imaging, software, and manufacturing technologies and enhanced diagnostic capabilities.

Through the integration of cutting-edge technology into dental clinics and the transformation of conventional approaches, digital dentistry has revolutionized the discipline. Through the use of cutting-edge technologies such as digital radiography, 3D printing, intraoral scanners, and CAD/CAM (computer-aided design/computer-aided manufacture), it has simplified procedures, improving accuracy, effectiveness, and patient experience. Same-day restorations are now possible thanks to this integration, which has sped up processes like crowns, bridges, and implants. Furthermore, painful traditional molds have been replaced by digital impressions, which have improved patient comfort and accuracy.

The implementation of digital dentistry has resulted in enhanced diagnostic capabilities, permitting prompt identification of problems via high-definition imaging and consequently enabling proactive treatment planning. Moreover, its ability to store and analyze data helps with customized treatment programs. The smooth incorporation of this technology into dental processes has also enhanced the dialogue between laboratories and clinicians, promoting cooperative and effective care. The market for digital dentistry is growing as more professionals become aware of its many advantages, which is

changing the face of contemporary dentistry.

Drivers and Challenges have an Impact on Market Dynamics, which can Impact Businesses. Find more details in our Sample Report: <https://www.econmarketresearch.com/request-sample/EMR00146>

In March 2023, the Straumann Group announced to unveil a range of innovative solutions spanning the entire patient journey at the upcoming major dental exhibition in Cologne. The launches will encompass digital solutions for implantology within the Straumann portfolio, as well as introduce new features from the Group's orthodontic brand, ClearCorrect.

In March 2023, Nexa3D, a prominent player in ultrafast polymer 3D printing, revealed a new collaboration today with Mertz-Dental, a digital dentistry leader with a 70-year history of serving a majority of dental laboratories in Germany. This partnership aims to substantially increase the availability of Nexa3D's high-speed dental 3D printing technology. Additionally, the collaboration seeks to enhance the range of dental applications offered by Nexa3D by incorporating a wider selection of dental materials into its resin portfolio.

In September 2023, it was announced that the Chinese manufacturer of the AS 100, AS 200E, and AS 260 intraoral scanners, AlliedStar, will be acquired by the Straumann Group.

In July 2022, Carestream Dental has officially announced its partnership with Dental Whale, with the shared goal of consistently innovating dental technology to simplify business operations and deliver top-notch services to customers.

In Jan 2022, Colgate-Palmolive Company and 3Shape have joined forces to launch the Colgate Illuminator, a personalized teeth whitening tool designed exclusively for patients. This innovative tool will be introduced to dental clinics throughout the United States, offering enhanced consultations and an improved overall experience for patients.

Segment Analysis and Market Dynamics

Based on specialty areas, the global digital dentistry market is divided into orthodontics, prosthodontics, implantology, and others. The orthodontics category dominates the market with the largest revenue share. Digital innovations have revolutionized orthodontic treatment planning and execution. Orthodontists now use 3D imaging, intraoral scanners, and computer simulations to create precise treatment plans, leading to the creation of custom aligners or braces. This technology allows for more accurate predictions of tooth movement and enables orthodontists to visualize the final outcome before treatment begins. Digital dentistry has significantly impacted prosthodontics by enabling the creation of highly accurate dental prosthetics. CAD/CAM technology allows for the fabrication of crowns, bridges, and dentures with exceptional precision, often within a single visit. This streamlines the process, improves fit, and enhances aesthetics for patients. Digital dentistry has transformed implantology through guided implant surgery. Utilizing 3D imaging and virtual planning software, implant placement is meticulously planned beforehand, ensuring optimal positioning and angulation for successful implantation. This minimizes risks, reduces surgical time, and enhances the predictability of outcomes.

The diagnostic segment is the largest segment of the digital dentistry market, based on application. Digital dentistry has revolutionized diagnostics through technologies like digital radiography, cone-beam computed tomography (CBCT), and intraoral scanners. These tools provide high-resolution images and 3D representations, aiding in the accurate detection of dental issues such as cavities, bone density, impacted teeth, and temporomandibular joint disorders. These precise diagnostics enable early

detection, allowing for proactive treatment planning and better patient outcomes. Where, digital dentistry has transformed therapeutic procedures by enabling more precise and efficient treatments. For instance, CAD/CAM technology facilitates the creation of custom restorations like crowns, bridges, and veneers with unparalleled accuracy. Additionally, laser technology assists in soft tissue treatments, minimizing discomfort and promoting faster healing. Furthermore, advancements in guided implant surgery and robotic-assisted procedures have enhanced the precision and success rates of various dental treatments.

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The market for digital dentistry has been expanding rapidly, driven mostly by improvements in technology, growing patient demands, and a growing need for accurate and efficient dental care. Real-time monitoring, data-driven diagnostics, and individualized treatment plans are now possible because of the integration of AI, machine learning, and IoT in dental devices, which has accelerated market expansion. Because of the advantages of improved patient outcomes, faster turnaround times, and more accuracy, this evolution has resulted in a transition from conventional to digital procedures.

Furthermore, the aging population, an increase in cosmetic dentistry operations, and the rising prevalence of oral problems globally have all contributed to the market's expansion. Furthermore, as dental offices looked for contactless solutions in the wake of the COVID-19 pandemic, teledentistry, virtual consultations, and remote monitoring systems were quickly adopted. The dynamic nature of this market is also impacted by ongoing research and development, which has led to advancements such as the creation of augmented reality treatment planning systems and the 3D printing of dental prosthesis. Collaborations between dental professionals and technology providers are anticipated to propel additional breakthroughs and market expansion as the digital dentistry landscape continues to change.

Regional Analysis

The digital dentistry market in Asia Pacific is expected to lead globally. The region's dominance in this field is fueled by the rapid growth of technology, rising use of digital solutions, and rising investments in healthcare infrastructure. Digital dentistry is being adopted at the forefront by nations like South Korea, China, Japan, and India, who are utilizing state-of-the-art technologies including intraoral scanners, CAD/CAM systems, and 3D imaging. Furthermore, the Asia Pacific region's expanding population, together with growing middle-class demand for improved dental operations and increased awareness of oral health, all play a major role in the market's expansion. The government's supporting programs and policies to modernize healthcare systems and promote the use of digital healthcare solutions also contribute to the market's rising momentum. Another important factor is the region's dental tourism sector, which draws clients from all over the world for reasonably priced, top-notch dental care that takes use of technological breakthroughs. The Asia Pacific digital dentistry market is expected to lead globally and transform the face of modern dental treatment due to a confluence of factors including technology innovation, rising patient demand, policies that facilitate the industry, and a thriving dental tourism sector.

The report “Digital Dentistry Market Size, Share & Trends Analysis Report by Specialty Areas (Orthodontics, Prosthodontics, Implantology, and Others), by Application (Diagnostic, Therapeutics, and Other Applications), by Component (Equipment, and Software), by End User (Dental Laboratory, Dental Clinic, and Research/Academic Institute), and by Region (North America, Europe, APAC, MEA, and CSA), and Segment Forecasts, 2023 – 2031” is available now to Econ Market Research customers and can also be purchased directly from: <https://www.econmarketresearch.com/>

Further key findings from the report suggest:

- The global digital dentistry market is predicted to register a compound annual growth rate (CAGR) of 9.2% over the projected period of 2023-2031.
- Asia Pacific will be the leading region of the global digital dentistry market during the forecast period of 2023-2031.
- The major key players in the global digital dentistry market are Apteryx Inc., 3M, KaVo Dental, Planmeca OY, Biolase Inc, AstraZeneca, Cadblue, Danahe, Implant Sciences Corporation, DOT GmbH, Dexis Consulting Group, Raymor, Institut Straumann AG, 3Shape A/S, and Ivoclar Vivadent.

Read More Information about Digital Dentistry Market: <https://www.econmarketresearch.com/industry-report/digital-dentistry-market/>

Econ Market Research has segmented the global digital dentistry market based on specialty areas, application, component, end user and region:

Digital Dentistry Market by Specialty Areas (Revenue, USD Billion, 2023-2031)

- Orthodontics
- Prosthodontics
- Implantology
- Others

Digital Dentistry Market by Application (Revenue, USD Billion, 2023-2031)

- Diagnostic
- Therapeutics
- Other Applications

Digital Dentistry Market by Component (Revenue, USD Billion, 2023-2031)

- Equipment
- Software

Digital Dentistry Market by End User (Revenue, USD Billion, 2023-2031)

- Dental Laboratory
- Dental Clinic
- Research/Academic Institute

Digital Dentistry Market Regional Analysis (Revenue, USD Billion, 2023-2031)

- North America
 - U.S.
 - Canada
 - Mexico
- Europe
 - Germany
 - U.K.

- France
- Italy
- Spain
- Rest of Europe
- Asia Pacific
 - China
 - India
 - Japan
 - South Korea
 - Australia
 - Rest of Asia Pacific
- Middle East & Africa
 - Saudi Arabia
 - UAE
 - South Africa
 - Rest of MEA
- Latin America
 - Brazil
 - Argentina
 - Rest of Latin America

Top Trending Reports of Econ Market Research:

Portable Oil-Free Air Compressor Market Share: The global portable oil-free air compressor market exceeded USD 11.0 billion in 2022. Growing awareness for energy-efficient, low-maintenance devices and increasing industrialization are anticipated to drive demand.

2D Barcode Reader Market Growth: Global 2D barcode reader market size was USD 6.35 billion in 2022, and is expected to reach USD 11.77 billion by 2031, growing at a Compounded Annual Growth Rate (CAGR) of 7.1% from 2023 to 2031.

[Augmented Reality in Automotive Market Growth](#): The global augmented reality in automotive market was valued at USD 5.20 billion in 2022 and is estimated to reach approximately USD 22.80 billion by 2031, at a CAGR of 17.8% from 2023 to 2031.

[Bio Plasticizers Market Trends](#): The global bio plasticizers market was valued at USD 1.55 billion in 2022 and is estimated to reach approximately USD 3.18 billion by 2031, at a CAGR of 8.3% from 2023 to 2031.

Starch Derivatives Market Analysis: The global starch derivatives market was valued at USD 55.8 billion in 2022 and is estimated to reach approximately USD 78.5 billion by 2031, at a CAGR of 3.8% from 2023 to 2031.

Skin Boosters Market Sales: The global skin boosters market was valued at USD 1.07 billion in 2022 and is estimated to reach approximately USD 2.65 billion by 2031, at a CAGR of 10.6% from 2023 to 2031.

Cosmetic Packaging Market Outlook: The global cosmetic packaging market was valued at USD 68.50 billion in 2022 and is estimated to reach approximately USD 107.65 billion by 2031, at a CAGR of 5.1% from 2023 to 2031.

Battery Storage Inverter Market Volume: The global battery storage inverter market was valued at USD 2.95 billion in 2022 and is estimated to reach approximately USD 6.60 billion by 2031, at a CAGR of 9.3% from 2023 to 2031.

Calcium Formate Market Application: The global calcium formate market was valued at USD 0.86 billion in 2022 and is estimated to reach approximately USD 1.50 billion by 2031, at a CAGR of 6.3% from 2023 to 2031.

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Econ Market Research provides comprehensive industry research and actionable intelligence. We assist our clients in obtaining solutions to their research needs through our syndicated and consulting research services. We specialise in semiconductors and electronics, aerospace and defence, energy, automotive and transportation, healthcare, manufacturing and construction, media and technology, chemicals and materials, and materials.

Contact Us:

Econ Market Research

E-mail: sales@econmarketresearch.com

Phone:

Website: - <https://www.econmarketresearch.com>

LinkedIn: - <https://www.linkedin.com/company/econ-market-research/>

Twitter: - https://twitter.com/econ_market

Facebook: - <https://www.facebook.com/econmarketresearch>

Instagram: - <https://www.instagram.com/econmarketresearch/>

Media Contact

econ market research

aniket@econmarketresearch.info

(+1) 812 506 4440

Office No. 301 Philomeena Heights Wadgaoshi, Kharadi Pune-411014 Maharashtra India. Phone Number : +1 812 506 4440 Email : sales@econmarketresearch.com

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